

Name: \_\_\_\_\_

**p1106: Solve by factoring (v1)**

1. Solve the equation

$$x^2 - 5x + 4 = 0$$

2. Solve the equation

$$x^2 + 8x + 15 = 0$$

3. Solve the equation

$$6x^2 - 12x + 54 = 5x^2 + 2x + 9$$

4. Solve the equation

$$5x^2 + 2x - 33 = 4x^2 + 4x - 9$$

5. Solve the equation

$$8x^2 + 21x + 87 = 7x^2 + 3x + 6$$

6. Solve the equation

$$7x^2 + 40x - 12 = 0$$

7. Solve the equation

$$2x^2 + 21x + 40 = 0$$

8. Solve the equation

$$16x^2 - 64x - 24 = 5x^2 - x - 6$$

9. Solve the equation

$$4x^2 - 2x - 4 = 2x^2 - 7x - 7$$

10. Solve the equation

$$12x^2 - 17 = 7x^2 - 3x - 3$$